Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	tseng.in. and (digital and audio).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 07:08
L2	0	"frequency response of the input signal" or "frequeny response of an input signal"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 07:12
L3	0	((frequency adj response adj of) near (input adj signal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 07:13
L4	0	((frequency adj response adj of) same (input adj signal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 07:14
L6	0	((frequency adj response adj "of") same (input adj signal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 07:15
L7	0	(((frequency adj response) near of) same (input adj signal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 07:15
L8	0	("frequency response of")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 07:16
L9	0	"frequency response of an input signal"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 07:16

L10	10	(US-20030233229-$).did. or (US-4896285-$ or US-5404322-$ or US-5511014-$ or US-5966314-$ or US-6426972-$ or US-6456654-$ or US-6512789-$ or US-6735221-$ or US-6975689-$).did.	US-PGPUB; USPAT	OR	ON	2006/02/10 09:42
L11	4	l10 and convolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 09:44
L12	178	((equalizer or equalization) same convolution).ti,ab,bsum. and ((impulse or system) near response)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 09:45
L13	7	((equalizer or equalization) same convolution same (audio or speech)).ti,ab,bsum. and ((impulse or system) near response)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 10:26
L14	67	((equalizer or equalization) and convolution and (audio or speech)).ti,ab,bsum. and ((impulse or system) near response)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 10:27
L15	57	(((equalizer or equalization) and convolution and (audio or speech))and ((impulse or system) near response)).ti,ab,bsum.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 10:28
L16	22	(((equalizer or equalization) and convolution and (audio or speech))and ((impulse or system) near response)).ti,ab,bsum. and (truncate or window or windowing) and (frequency or spectrum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/10 10:29
L17	3	("4807173" | "5526426" | "5768165").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/10 10:32
L18	0	("6968352").URPN.	USPAT	OR	ON	2006/02/10 10:32
L19	2	("6157909").URPN.	USPAT	OR	ON	2006/02/10 10:35
L20	2	("5598505" | "5905969").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/10 10:35

S1	0	((frequency adj response) same ((inverse adj discrete) or (IDFT)) same (impulse adj response) same window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 09:31
S2	15	(((frequency adj response) same ((inverse adj discrete) or (IDFT))) and (impulse adj response) and window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 09:31
S3	14	(((frequency adj response) same ((inverse adj discrete) or (IDFT))) and (impulse adj response) and window) and (filter or equalizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 09:31
S4	20	("20030215029" | "3614673" | "4027257" | "4027258" | "4100604" | "5065242" | "5251033" | "5276516" | "5425050" | "5528311" | "5799037" | "6031882" | "6295317" | "6337878" | "6377312" | "6426972" | "6496230" | "6512789" | "6768517" | "6816204").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 09:43
S5	7	("20030215029" | "3614673" | "4027257" | "4027258" | "4100604" | "5065242" | "5251033" | "5276516" | "5425050" | "5528311" | "5799037" | "6031882" | "6295317" | "6337878" | "6377312" | "6426972" | "6496230" | "6512789" | "6768517" | "6816204").PN. and ((impulse adj response) and (frequency adj response))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 09:43
S6	2	("4494214" | "5404322").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 09:45
S7	11	("3949206" | "4430721" | "4524423" | "4542475" | "4691293" | "4751739" | "4766563" | "4782458" | "4809209" | "4817025" | "4896285").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/07 09:46
S8	4	("5404322").URPN.	USPAT	OR	ON	2006/02/07 09:48

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File    9:Business & Industry(R)  Jul/1994-2006/Jan 31
          (c) 2006   The Gale Group
File   15:ABI/Inform(R) 1971-2006/Feb 01
          (c) 2006 ProQuest Info&Learning
File   16:Gale Group PROMT(R) 1990-2006/Feb 01
          (c) 2006 The Gale Group
File   20:Dialog Global Reporter 1997-2006/Feb 01
          (c) 2006 Dialog
File   47:Gale Group Magazine DB(TM) 1959-2006/Feb 01
          (c) 2006 The Gale group
File   75:TGG Management Contents(R) 86-2006/Jan W4
          (c) 2006 The Gale Group
File   80:TGG Aerospace/Def.Mkts(R) 1982-2006/Feb 01
          (c) 2006 The Gale Group
File   88:Gale Group Business A.R.T.S. 1976-2006/Jan 27
          (c) 2006 The Gale Group
File   98:General Sci Abs/Full-Text 1984-2004/Dec
          (c) 2005 The HW Wilson Co.
File 112:UBM Industry News 1998-2004/Jan 27
          (c) 2004 United Business Media
File 141:Readers Guide 1983-2004/Dec
          (c) 2005 The HW Wilson Co
File 148:Gale Group Trade & Industry DB 1976-2006/Feb 01
          (c)2006 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
          (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2006/Feb 01
          (c) 2006 The Gale Group
File 264:DIALOG Defense Newsletters 1989-2006/Jan 31
          (c) 2006 Dialog
File 369:New Scientist 1994-2006/Aug W4
          (c) 2006 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
          (c) 1999 AAAS
File 484:Periodical Abs Plustext 1986-2006/Jan W5
          (c) 2006 ProQuest
File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
          (c) 2005 The HW Wilson Co
File 570:Gale Group MARS(R) 1984-2006/Feb 01
          (c) 2006 The Gale Group
File 608:KR/T Bus.News. 1992-2006/Feb 01
          (c)2006 Knight Ridder/Tribune Bus News
File 620:EIU:Viewswire 2005/Oct 19
          (c) 2005 Economist Intelligence Unit
File 613:PR Newswire 1999-2006/Feb 01
          (c) 2006 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Feb 01
          (c) 2006 The Gale Group
File 623:Business Week 1985-2006/Jan 31
          (c) 2006 The McGraw-Hill Companies Inc
File 624:McGraw-Hill Publications 1985-2006/Jan 31
          (c) 2006 McGraw-Hill Co. Inc
File 634:San Jose Mercury  Jun 1985-2006/Jan 31
          (c) 2006 San Jose Mercury News
File 635:Business Dateline(R) 1985-2006/Feb 01
          (c) 2006 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2006/Feb 01
          (c) 2006 The Gale Group
File 647:CMP  Computer Fulltext 1988-2006/Feb W1
          (c) 2006 CMP Media, LLC
File 696:DIALOG Telecom. Newsletters 1995-2006/Jan 31
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Set      Items    Description
S1       23233    TIME(2N)DOMAIN?? OR TIMEDOMAIN?? OR WAVEFORM??(2N)ANALYSIS-
                  ?? OR WAVEFORMANALYSIS??
S2        8999    CONVOLUTION??
S3      6596712   AUDIO?? OR SPEECH?? OR VOICE?? OR ACOUSTIC??
S4       102420   EQUALIZER?? OR EQUALISER??
S5           42   S1(5N)(EQUALIZER?? OR EQUALISER?? )
S6          206   AU=(TSENG W? OR TSENG, W? OR HSU W? OR HSU, W?)
S7            0   S1(S)S2(S)S3(S)S4
S8           83   S1(5N)EQUALI??????
S9         4699   S3(5N)EQUALI??????
S10           0   S1(S)S2(S)S3(S)S4
S11           0   S8(S)S2(S)S3
S12           0   S9(S)S1(S)S2
S13           7   S1 AND S2 AND S3 AND S4
S14           3   RD   (unique items)
S15           0   S6 AND S1 AND S2
?
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File    9:Business & Industry(R)  Jul/1994-2006/Feb 07
           (c) 2006   The Gale Group
File   15:ABI/Inform(R) 1971-2006/Feb 08
           (c) 2006 ProQuest Info&Learning
File   16:Gale Group PROMT(R) 1990-2006/Feb 06
           (c) 2006 The Gale Group
File   20:Dialog Global Reporter 1997-2006/Feb 08
           (c) 2006 Dialog
File   47:Gale Group Magazine DB(TM) 1959-2006/Feb 07
           (c) 2006 The Gale group
File   75:TGG Management Contents(R) 86-2006/Jan W4
           (c) 2006 The Gale Group
File   80:TGG Aerospace/Def.Mkts(R) 1982-2006/Feb 07
           (c) 2006 The Gale Group
File   88:Gale Group Business A.R.T.S. 1976-2006/Feb 02
           (c) 2006 The Gale Group
File   98:General Sci Abs/Full-Text 1984-2004/Dec
           (c) 2005 The HW Wilson Co.
File  112:UBM Industry News 1998-2004/Jan 27
           (c) 2004 United Business Media
File  141:Readers Guide 1983-2004/Dec
           (c) 2005 The HW Wilson Co
File  148:Gale Group Trade & Industry DB 1976-2006/Feb 07
           (c)2006 The Gale Group
File  160:Gale Group PROMT(R) 1972-1989
           (c) 1999 The Gale Group
File  275:Gale Group Computer DB(TM) 1983-2006/Feb 07
           (c) 2006 The Gale Group
File  264:DIALOG Defense Newsletters 1989-2006/Feb 07
           (c) 2006 Dialog
File  369:New Scientist 1994-2006/Aug W4
           (c) 2006 Reed Business Information Ltd.
File  370:Science 1996-1999/Jul W3
           (c) 1999 AAAS
File  484:Periodical Abs Plustext 1986-2006/Feb W1
           (c) 2006 ProQuest
File  553:Wilson Bus. Abs. FullText 1982-2004/Dec
           (c) 2005 The HW Wilson Co
File  570:Gale Group MARS(R) 1984-2006/Feb 07
           (c) 2006 The Gale Group
File  608:KR/T Bus.News. 1992-2006/Feb 08
           (c)2006 Knight Ridder/Tribune Bus News
File  620:EIU:Viewswire 2005/Oct 19
           (c) 2005 Economist Intelligence Unit
File  613:PR Newswire 1999-2006/Feb 08
           (c) 2006 PR Newswire Association Inc
File  621:Gale Group New Prod.Annou.(R) 1985-2006/Feb 07
           (c) 2006 The Gale Group
File  623:Business Week 1985-2006/Feb 08
           (c) 2006 The McGraw-Hill Companies Inc
File  624:McGraw-Hill Publications 1985-2006/Feb 08
           (c) 2006 McGraw-Hill Co. Inc
File  634:San Jose Mercury  Jun 1985-2006/Feb 07
           (c) 2006 San Jose Mercury News
File  635:Business Dateline(R) 1985-2006/Feb 08
           (c) 2006 ProQuest Info&Learning
File  636:Gale Group Newsletter DB(TM) 1987-2006/Feb 07
           (c) 2006 The Gale Group
File  647:CMP  Computer Fulltext 1988-2006/Feb W3
           (c) 2006 CMP Media, LLC
File  696:DIALOG Telecom. Newsletters 1995-2006/Feb 08
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Set      Items      Description
S1       23196      FREQUENC??(3N)RESPONS???
S2         428      IDFT OR INVERSE(3N)FOURIER(2N)TRANSFORM
S3        6408      IMPULS??(2N)RESPONS?? OR IMPULSERESPONSE??
S4          39      (TRANCAT???? OR SIMPLIF?????? OR DECIMAT?????)(5N)S3
S5     3529896      WINDOW??
S6      190330      EQUALIZ???? OR EQUALIS????
S7       45904      (DESIGN??? OR CREAT????)(5N)FILTER???
S8         206      AU=(TSENG W? OR TSENG, W? OR HSU W? OR HSU, W?)
S9           0      S1(S)S2(S)S4
S10          0      S1 AND S2 AND S4
S11          6      S1(S)S2(S)S3
S12          5      RD   (unique items)
S13         11      S1 AND S2 AND S3
S14          5      S13 NOT S11
S15          4      RD   (unique items)
S16          0      S8 AND S1 AND S2
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File 348:EUROPEAN PATENTS 1978-2006/Jan W05
        (c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20060105,UT=20051229
        (c) 2006 WIPO/Univentio

Set      Items      Description
S1       23056      FREQUENC??(3N)RESPONS???
S2        3994      IDFT OR INVERSE(3N)FOURIER(2N)TRANSFORM
S3       10207      IMPULS??(2N)RESPONS?? OR IMPULSERESPONSE??
S4         160      (TRANCAT???? OR SIMPLIF?????? OR DECIMAT?????)(5N)S3
S5      172390      WINDOW??
S6       37634      EQUALIZ???? OR EQUALIS????
S7       20935      (DESIGN??? OR CREAT????)(5N)FILTER???
S8         177      AU=(TSENG W? OR TSENG, W? OR HSU W? OR HSU, W?)
S9           0      S1(S)S2(S)S4
S10          0      S1(S)S2(S)S3(S)S5(S)(S6 OR S7)
S11         24      S1(S)S2(S)S3(S)(S5 OR S6 OR S7)
S12         14      S11 NOT AD=20020411:20060208/PR
S13         83      S1(S)S2(S)S3
S14         31      S13(S)(TIME()DOMAIN??)
S15         23      S14 NOT S11
S16         11      S15 NOT AD=20020411:20060208/PR
S17          0      S8 AND S1 AND S2
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File 344:Chinese Patents Abs Jan 1985-2006/Jan
         (c) 2006 European Patent Office
File 347:JAPIO Nov 1976-2005/Oct(Updated 060203)
         (c) 2006 JPO & JAPIO
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200609
         (c) 2006   Thomson Derwent

Set      Items    Description
S1       13804    FREQUENC??(3N)RESPONS???
S2        1339    IDFT OR INVERSE(3N)FOURIER(2N)TRANSFORM
S3        4667    IMPULS??(2N)RESPONS?? OR IMPULSERESPONSE??
S4          35    (TRANCAT???? OR SIMPLIF??????? OR DECIMAT?????)(5N)S3
S5      266294    WINDOW??
S6       67690    EQUALIZ???? OR EQUALIS????
S7        5362    (DESIGN??? OR CREAT????)(5N)FILTER???
S8         795    AU=(TSENG W? OR TSENG, W? OR HSU W? OR HSU, W?)
S9           0    S1 AND S2 AND S4 AND S5 AND S6 AND S7
S10          0    S1 AND S2 AND S4
S11         11    S1 AND S2 AND S3
S12          2    S1 AND S2 AND S3 AND (S5 OR S6 OR S7)
S13          0    S12 NOT S11
S14          0    S8 AND S1 AND S2
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Set	Items	Description
S1	115113	FREQUENC??(3N)RESPONS???
S2	5132	IDFT OR INVERSE(3N)FOURIER(2N)TRANSFORM
S3	55065	IMPULS??(2N)RESPONS?? OR IMPULSERESPONSE??
S4	320	(TRANCAT???? OR SIMPLIF?????? OR DECIMAT?????)(5N)S3
S5	353991	WINDOW??
S6	51172	EQUALIZ???? OR EQUALIS????
S7	90118	(DESIGN??? OR CREAT????)(5N)FILTER???
S8	7107	AU=(TSENG W? OR TSENG, W? OR HSU W? OR HSU, W?)
S9	0	S1 AND S2 AND S4 AND S5 AND (S6 OR S7)
S10	0	S1 AND S2 AND S4 AND S5
S11	86	S1 AND S2 AND S3
S12	12	S11 AND (S5 OR S6 OR S7)
S13	11	RD (unique items)
S14	10	S13 NOT PY>2002
S15	86	S1 AND (S2 OR IFT) AND S3
S16	0	S1 AND S2 AND S4
S17	60	RD S15 (unique items)
S18	22	S17 AND TIME()DOMAIN??
S19	15	S18 NOT PY>2002
S20	13	S19 NOT S13
S21	0	S8 AND S1 AND S2